

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS     DiTullio *et al.*

FOR:     GENETIC MANIPULATION OF SPERMATOGONIA

February 3, 2004  
Boston, Massachusetts

**Mail stop Patent Application**  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**PRELIMINARY AMENDMENT**

Prior to examination of the above-identified patent application, please amend the application as set forth below and consider the following remarks.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 4 of this paper.

**Remarks/Arguments** begin on page 8 of this paper.